

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|---|------|-----|--------|---|---|------------------|----------|------------------|--------|
| 1 | BRS | L1 | 222 | (polish\$3 or cmp or planariz\$5) same (Ru or ruthenium) | USPAT; EPO; JPO; DERWEN T; IBM TDB | 2001/06/29 13:00 | | | 0 |
| 2 | BRS | L7 | 31181 | ceria or cerium or "cerium oxide" or "Ce+4" | USPAT; EPO; JPO; DERWEN T; IBM TDB | 2001/06/29 11:06 | | | 0 |
| 3 | BRS | L13 | 5 | 1 same 7 | USPAT; EPO; JPO; DERWEN T; IBM TDB | 2001/06/29 10:34 | | | 0 |
| 4 | BRS | L19 | 33276 | ceria or cerium or "cerium oxide" or "Ce+4" or "ceric oxide" or ceric | USPAT; EPO; JPO; DERWEN T; IBM TDB | 2001/06/29 11:07 | | | 0 |
| 5 | BRS | L25 | 6 | 19 same 1 | USPAT; EPO; JPO; DERWEN T; IBM TDB | 2001/06/29 12:54 | | | 0 |
| 6 | BRS | L37 | 223 | (polish\$3 or cmp or planariz\$5) same (Ru or ruthenium or SrRuO3) | USPAT; EPO; JPO; DERWEN T; IBM TDB | 2001/06/29 13:08 | | | 0 |
| 7 | BRS | L43 | 112917 | 438/\$.cccls. | USPAT; EPO; JPO; DERWEN T; IBM TDB | 2001/06/29 13:04 | | | 0 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Co m m e n t s | Er r o r D e f i n i t i o n | Er r o r s |
|---|------|-----|------|--|---|------------------|----------------------------------|---|------------------------|
| 8 | BRS | L49 | 42 | 37 and 43 | USPAT; EPO; JPO; DERWEN T; IBM TDB | 2001/06/29 13:04 | | | 0 |
| 9 | BRS | L55 | 2 | (polish\$3 or cmp or planariz\$5) same (SrRuO3) | USPAT; EPO; JPO; DERWEN T; IBM TDB | 2001/06/29 13:08 | | | 0 |

| | Type | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|----|------|--------|---|-----------------------------------|------------------|----------|------------------|--------|
| 1 | BRS | 1 | polishing same (Ru or SrRuO3 or RuO3 or RuO2) same liquid | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/26 11:50 | | | 0 |
| 2 | BRS | 1 | polishing same (Ru or SrRuO3 or RuO3 or RuO2) same liquid same(Ce(NO3)"4" or cerium or "diammonium cerium nitrate") | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/26 12:05 | | | 0 |
| 3 | BRS | 110 | polishing same liquid same (Ce(NO3)"4" or cerium or "diammonium cerium nitrate") | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/26 11:38 | | | 0 |
| 4 | BRS | 6 | (Ru or SrRuO3 or RuO3 or RuO2) and (polishing same liquid same (Ce(NO3)"4" or cerium or "diammonium cerium nitrate")) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/26 10:55 | | | 0 |
| 5 | BRS | 92247 | (Ce(IV) or Ce("4") or (cerium near5 tetravalent) or Ce(SO4)"4" or Ce(NO3)"3"(OH)) same (polishing or cmp or liquid or solution) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/26 11:51 | | | 0 |
| 6 | BRS | 112917 | 438/\$.ccls. | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/26 11:49 | | | 0 |
| 7 | BRS | 1062 | ((Ce(IV) or Ce("4") or (cerium near5 tetravalent) or Ce(SO4)"4" or Ce(NO3)"3"(OH)) same (polishing or cmp or liquid or solution)) and 438/\$.ccls. | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/26 11:50 | | | 0 |
| 8 | BRS | 17 | (Ru or SrRuO3 or RuO3 or RuO2) and (((Ce(IV) or Ce("4") or (cerium near5 tetravalent) or Ce(SO4)"4" or Ce(NO3)"3"(OH)) same (polishing or cmp or liquid or solution)) and 438/\$.ccls.) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/26 11:51 | | | 0 |
| 9 | BRS | 1 | (polishing or cmp) same (Ru or SrRuO3 or RuO3 or RuO2) same liquid same(Ce(NH4)"2" or cerium or "diammonium cerium nitrate") | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/26 12:07 | | | 0 |
| 10 | BRS | 4 | (polishing or cmp or slurry) same (Ru or SrRuO3 or RuO3 or RuO2) same liquid same(Ce(NH4)"2" or cerium or "diammonium cerium nitrate") | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/26 12:07 | | | 0 |

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| 11 | BRS | 79 | (polishing or cmp or slurry) same (Ru or SrRuO3 or RuO3 or RuO2) same (Ce(NH4)"2" or cerium or "diammonium cerium nitrate") | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/26 12:08 | | | 0 |
| 12 | BRS | 2 | CeO2 same (Ru or RuO2 or SrRuO3 or ruthenium) same (cmp or slurry or liquid or polish) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 12:09 | | | 0 |
| 13 | BRS | 4 | (CeO2 same (Ru or RuO2 or SrRuO3 or ruthenium)) and (cmp or slurry or liquid or polish) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 08:33 | | | 0 |
| 14 | BRS | 128 | CeO2 same (cmp or slurry or liquid or polish) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 08:33 | | | 0 |
| 15 | BRS | 272 | CeO2 and (cmp or slurry or liquid or polish) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 08:34 | | | 0 |
| 16 | BRS | 112917 | 438/\$.ccls. | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 08:34 | | | 0 |
| 17 | BRS | 2 | 438/\$.ccls. and (CeO2 same (cmp or slurry or liquid or polish)) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 08:35 | | | 0 |
| 18 | BRS | 4 | 438/\$.ccls. and (CeO2 and (cmp or slurry or liquid or polish)) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 08:44 | | | 0 |
| 19 | BRS | 455 | ceria same (cmp or polishing or slurry) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 11:40 | | | 0 |
| 20 | BRS | 583 | (ceria or CeO2) same (cmp or polishing or slurry) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 08:57 | | | 0 |

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| 21 | BRS | 4 | (Ru or RuO2 or SrRuO3 or ruthenium) same ((ceria or CeO2) same (cmp or polishing or slurry)) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 08:46 | | | 0 |
| 22 | BRS | 4 | ((Ru or RuO2 or SrRuO3 or ruthenium) and ((ceria or CeO2) same (cmp or polishing or slurry))) and 438/\$.ccls. | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 08:47 | | | 0 |
| 23 | BRS | 81 | (Ru or RuO2 or SrRuO3 or ruthenium) and ((ceria or CeO2) same (cmp or polishing or slurry)) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 10:51 | | | 0 |
| 24 | BRS | 15343 | (ceria or CeO2 or abrasive) same (cmp or polishing or slurry) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 09:49 | | | 0 |
| 25 | BRS | 806 | ((ceria or CeO2 or abrasive) same (cmp or polishing or slurry)) and 438/\$.ccls. | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 08:59 | | | 0 |
| 26 | BRS | 10 | (Ru or ruthenium) and (((ceria or CeO2 or abrasive) same (cmp or polishing or slurry)) and 438/\$.ccls.) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 12:09 | | | 0 |
| 27 | BRS | 347 | (Ru or ruthenium or W or Cu) and (((ceria or CeO2 or abrasive) same (cmp or polishing or slurry)) and 438/\$.ccls.) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 09:48 | | | 0 |
| 28 | BRS | 711973 | (Ru or ruthenium or Ti or TiN or Ta or TaN) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 12:09 | | | 0 |
| 29 | BRS | 232 | (ceria or CeO2 or "cerium oxide" or abrasive) same (cmp or polishing or slurry) same (TiN or Ti or Ta or TaW) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 11:38 | | | 0 |
| 30 | BRS | 12 | ((Ru or RuO2 or SrRuO3 or ruthenium) near5 (Ni or Al or Fe or Cu or Zn or Ti or Cr)) same (cmp or polishing) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 11:28 | | | 0 |

| | Type | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|----|------|---------|---|--|---------------------|----------|------------------|--------|
| 31 | BRS | 1800732 | polishing liquid | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 11:40 | | | 0 |
| 32 | BRS | 17957 | abrasive same (polishing liquid) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 11:40 | | | 0 |
| 33 | BRS | 476 | (ceria or CeO2 or "cerium oxide") same (abrasive same (polishing liquid)) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 11:42 | | | 0 |
| 34 | BRS | 77 | cmp same ((ceria or CeO2 or "cerium oxide") same (abrasive same (polishing liquid))) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 11:42 | | | 0 |
| 35 | BRS | 454 | (alumina or silica or ceria or "cerium oxide" or CeO2 or Al2O3 or SiO2) same (Ru or RuO2 or SrRuO3 or ruthenium) same (cmp or slurry or liquid or polish\$3) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 12:13 | | | 0 |
| 36 | BRS | 1 | ((alumina or silica or ceria or "cerium oxide" or CeO2 or Al2O3 or SiO2) same (Ru or RuO2 or SrRuO3 or ruthenium) same (cmp or slurry or liquid or polish\$3)) and 438/\$.ccls. | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 12:12 | | | 0 |
| 37 | BRS | 37 | (ceria or "cerium oxide" or CeO2 or Al2O3 or SiO2) same (Ru or RuO2 or SrRuO3 or ruthenium) same (cmp or slurry or liquid or polish\$3) | USPAT; EPO; JPO; DERWENT; IBM TDB | 2001/06/28 12:13 | | | 0 |